Bee Movie Worksheet

“According to all known laws of aviation, there is no way that a bee should be able to fly. Its wings are too small to get its fat little body off the ground. The bee, of course, flies anyway. Because bees don’t care what humans think is impossible.”

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| 1. Does pollen make plants grow? Explain your answer and how the movie either did or did not support your idea? | 2. What happened to the plants when the bees stopped working (making honey)? |
| 3. How does the movie show that pollination occurs? Where does it come from? | 4. What happened to the bees when they stopped working? |
| 5. Why should bees not be able to fly? For what function might the foot adaption (as seen in the photo) be helpful? | 6. In reality, what part of the plants life would be affected by the loss of bees and what would happen? |
| 7. How did the humans modify the beehive environment? (Creating an artificial environment) Why was this modification made? (To increase the output of honey being made) | 8. What happened to the flower shop when the bees stopped working and why? |
| 9. What positive and negative effects are there from humans using chemical fertilizers and pesticides and different farming practices (agricultural and environmental impacts)? | 10. “In the last 50 years the domesticated honeybee population has declined by about 50 percent,” scientists say. Explain how this is going to impact everything including you? |
| 11. **Coevolution** is the mutual evolutionary influence between two species (the evolution of two species totally dependent on each other). Each of the species involved exerts selective pressure on the other, so they evolve together. Coevolution is an extreme example of mutualism. If species evolve together, what do you think would happen if one of the species were to become extinct? | 12. What do you wonder about after watching this movie? What makes you curious? |

Science Movie Worksheets – http://www.NewYorkScienceTeacher.com/movies